Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 08 May 2023 until 23:59 on Tuesday 09 May 2023

Forecast Issued on Sunday 07 May 2023 at 15:35

Confidence: High confidence for an unsettled week ahead, with wet conditions on Monday. Lower confidence for extent, timing and intensity of showers and thunderstorms this week.

Headline for Monday 08 May 2023: Rain, locally heavy, moving eastwards through the day. Rain turning more showery in the afternoon, locally heavy and possibly thundery at times. Windy on the summits.

Mountain weather hazards on Monday 08 May 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Heavy rain showers
Precipitation probability							
<05%	20%	60%	90%	90%	90%	50%	60%

Forecast for Monday 08 May 2023

Weather: Largely dry and mostly cloudy overnight, before a band of rain, locally heavy, moves eastwards during Monday morning. This will clear away to the east by midday, although further bands of showers or longer spells of rain will follow on behind during the afternoon and evening. These will be locally heavy and possibly thundery at times.

Chance of cloud-free hill tops above 600m: 20%, improving to 60% during the day.

Low cloud and visibility: Extensive low cloud in association with rain moving eastwards. Cloud bases down to 300-500m, lifting clear of summits briefly as rain clears, before lowering again in showers or longer spells of rain by the evening. Poor or very poor visibility in heavy rain or showers. Visibility good otherwise.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 08 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/15 S	15/22 S	19/27 SW	17/25 S	17/24 SW	15/21 SW	15/21 SW	14/21 SW	15/21 SW
300	8/12 S	10/17 S	14/21 S	12/19 S	12/18 S	12/18 SW	10/17 SW	10/17 SW	11/17 SW
Valley	4/12 S	5/16 S	7/18 S	8/18 S	9/18 S	8/17 SW	7/16 SW	7/16 SW	8/16 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	10/7	9/5	9/6	10/7	11/8	11/9	10/7	9/6
300	12/11	11/9	11/8	11/9	12/10	13/11	13/12	12/11	11/9
Valley	12/11	11/10	11/10	12/10	13/11	14/12	14/13	13/12	12/10
Freezing Level*	2400m	2500m	2800m	2600m	2600m	2600m	2500m	2200m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low cloud and heavy rain will make for challenging navigation throughout the day, with rainfall leading to soggy ground, slippery surfaces and swollen water courses. Waterproof layers and suitable footwear is advised for spending any length of time walking or hiking on the hills.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 07 May 2023	2mm	5mm	7mm

Forecast for Tuesday 09 May 2023

Weather: Low cloud with outbreaks of rain and drizzle overnight will gradually clear during Tuesday morning. Brightening up by late-morning and into the afternoon. However, the clouds will soon begin to bubble up to give a mixture of sunny spells and scattered showers in the afternoon, these are likely to be heavy and possibly thundery at times, with the risk of hail.

Maximum wind: Westerly 10-15mph, with occasional gusts 20-25mph.

Chance of cloud-free hill tops above 600m: 10% at first, improving to 90%, briefly reducing to 30% in heavy showers in the afternoon.

Low cloud and visibility: Extensive low cloud, with bases down to 300-500m early morning, lifting to stay above the summits.

Temperature: **Valleys:** Plus 7 Celsius, becoming Plus 17 Celsius.
At 600m: Plus 8 Celsius, becoming Plus 11 Celsius.
Freezing level: Above the summits.

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